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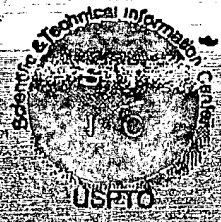
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Search Request Form (91)

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Name <u>Luke S Wassum</u>		Format for Search Results (Circle One): <input checked="" type="radio"/> PAPER <input type="radio"/> DISK <input type="radio"/> EMAIL	
AU <u>2177</u>	Examiner # <u>77895</u>	Where have you searched so far?	
Room # <u>PK2-9041</u>	Phone <u>305-5706</u>	<input checked="" type="radio"/> USP <input type="radio"/> DWPI <input type="radio"/> EPO <input type="radio"/> JPO <input type="radio"/> ACM <input type="radio"/> IBM TDB	
Serial # <u>624 09/992 247</u>		<input type="radio"/> IEEE <input type="radio"/> INSPEC <input type="radio"/> SPI <input type="radio"/> Other	

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A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-ic2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

A database backup system for a plurality of databases, wherein each database transaction is transmitted to a backup and each transmitted transaction includes an ^{database associated} transaction id/serial number indicative of a related transaction in another database, and wherein there is no related transactions in other databases, including the transaction id/serial number of the previously executed transaction for that database.

STIC Searcher <u>Teresa Estabfield</u>	<u>8/23/04 2:40</u>	Phone <u>308-7795</u>	<u>(308-4139)</u>
Date picked up <u>8/23/04 2:40pm</u>	Date Completed <u>8/24/04 10:30pm</u>		



09/992247

	Hits	Search Text	DBs	Time Stamp ▽
1	3	((update\$1 or change\$1 or transaction\$1) with ((serial or sequence) near2 number\$1)) and G06F\$6.ipc. and coherenc\$3	EPO; JPO; DERWENT; IBM_TDB	2004/08/27 09:24
2	18	((update\$1 or change\$1 or transaction\$1) with ((serial or sequence) near2 number\$1)) and 707/10,201-204.ccls. and coherenc\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 09:24
3	18	((update\$1 or change\$1 or transaction\$1) with ((serial or sequence) near2 number\$1)) and 707/10,201-204.ccls. and coherenc\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/27 09:24
4	341	((update\$1 or change\$1 or transaction\$1) with ((serial or sequence) near2 number\$1)) and G06F\$6.ipc.	EPO; JPO; DERWENT; IBM_TDB	2004/08/26 16:14
5	1	((update\$1 or change\$1 or transaction\$1) with ((serial or sequence) near2 number\$1)) and G06F\$6.ipc. and coherency	EPO; JPO; DERWENT; IBM_TDB	2004/08/26 16:14
6	0	((update\$1 or change\$1 or transaction\$1) with ((serial or sequence) near2 number\$1)) and G06F\$4.ipc.	EPO; JPO; DERWENT; IBM_TDB	2004/08/26 16:08
7	0	((update\$1 or change\$1 or transaction\$1) with ((serial or sequence) and number\$1)) and G06F\$4.ipc.	EPO; JPO; DERWENT; IBM_TDB	2004/08/26 16:08
8	2331	G06F\$4.ipc.	EPO; JPO; DERWENT; IBM_TDB	2004/08/26 16:08
9	1124588	G06F\$6.ipc.	EPO; JPO; DERWENT; IBM_TDB	2004/08/26 16:08

Date	Type	Search
14 April 2004	R	backup transactionid
	R	backup and transactionid
	R	backup and multiple databases
26 August 2004	R	backup and concurrency
	R	backup and serial number
	R	backup and sequence number
	A	remote backup copy

Set	Items	Description
S1	1808	(MULTIPL? OR MULTILIST? OR MANY OR PLURAL?) (2N) (DATABASE? - OR DATA()BASE?)
S2	7127150	EACH OR ONE OR SINGLE OR SINGULAR OR INDIVIDUAL OR SOLE OR UNIQUE OR SOLITARY OR LONE OR ALONE OR ONLY
S3	24316	(DATABASE? OR DATA()BASE?) (2N) (TRANSACTION? OR ACTIVIT? OR EXECUTION? OR COMPLET? OR BACKUP OR BACK()UP OR STORE OR STORED OR STORING)
S4	2442257	TRANSMIT? OR SEND? OR TRANSFER OR CONVEY? OR DELIVER?
S5	2571725	TRANSACTION? OR ACTIVIT? OR EXECUTION? OR CHANG? OR EDIT? - OR REVIS? OR REVAMP? OR REWRITE? OR REWORK? OR MODIF? OR ALTER? OR INTERRELATION() INFORMATION
S6	7000189	INCLUDE? OR CONTAIN? OR HOLD? OR ENCLOSE? OR WRAP?
S7	21308	(IDENTIFICATION OR IDENTIFIER? OR ID OR UNIQUE OR SERIAL) (-2W) NUMBER?
S8	34440	INDICATIVE OR INDICATORY OR SIGNALIZING OR DESIGNATIVE
S9	956979	RELATE? OR ASSOCIATE? OR LINK? ? OR RELATIONSHIP? OR LINKAGE
S10	1935	(ANOTHER OR SECOND OR ADDITIONAL OR DIFFERENT) (2W) (DATABASE? OR DATA()BASE?)
S11	2480	("NO" OR "NOT") () S9
S12	857	S2 (2N) S3
S13	114443	5 AND S4 AND (MEMORY OR REGISTER OR STORAGE OR BUFFER? OR - CACHE? OR REPOSITORY)
S14	73249	S5 AND S4 AND (MEMORY OR REGISTER OR STORAGE OR BUFFER? OR CACHE? OR REPOSITORY)
S15	116045	S2 (3N) S5
S16	1681	S5 AND S6 AND S7
S17	0	S7 AND S8 AND S9 AND S10
S18	44	S7 AND S8 AND S9
S19	10	S7 AND S9 AND S10
S20	29	S1 AND S12
S21	41	S1 AND S14
S22	123	S18 OR S19 OR S20 OR S21
S23	75	S22 AND IC=G06F?
S24	24	S23 AND IC=G06F-012?
S25	4	(INTER()RELATION OR INTERRELATION) () INFORMATION
S26	4	S25 AND IC=G06F?
S27	4	S26 NOT S24

File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200454

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27/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07390953 **Image available**
OBJECT MANAGEMENT DEVICE AND OBJECT MANAGEMENT METHOD

PUB. NO.: 2002-259454 [JP 2002259454 A]
PUBLISHED: September 13, 2002 (20020913)
INVENTOR(s): SAKAZUME SATOSHI
TAKEHARA HIDEKI
APPLICANT(s): VICTOR CO OF JAPAN LTD
APPL. NO.: 2001-058767 [JP 200158767]
FILED: March 02, 2001 (20010302)
INTL CLASS: G06F-017/30 ; G06F-003/00

ABSTRACT

PROBLEM TO BE SOLVED: To detect, in interactive content, the effect due to the event that a user generates, and to present the effect to the user.

SOLUTION: The object management device 1 has a content information inputting means 17a to which information on the content is inputted, an **interrelation information** detecting means 17b that analyzes the content information acquired with the content information inputting means and searches for the description of attached information obtained with the user's input, an **interrelation information** collecting means 17c that relates, on the basis of the description obtained with the **interrelation information** detecting means, the attached information to an object to produce the **interrelation information**, an **interrelation information** storing means 17g that stores the **interrelation information** obtained with the **interrelation information** collecting means, an **interrelation information** managing means 17d that manages the **interrelation information**, and an event generating means 17h that generates the event. Thereby, only the arbitrary event that the user selects can be generated.

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27/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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04332583 **Image available**
METHOD FOR ANALYZING SOFTWARE

PUB. NO.: 05-324283 [JP 5324283 A]
PUBLISHED: December 07, 1993 (19931207)
INVENTOR(s): MOTOMURA SHOJI
APPLICANT(s): KEESU TECHNOL KK [000000] (A Japanese Company or Corporation)
, JP (Japan)
APPL. NO.: 04-148956 [JP 92148956]
FILED: May 18, 1992 (19920518)
INTL CLASS: [5] G06F-009/06
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)
JOURNAL: Section: P, Section No. 1709, Vol. 18, No. 153, Pg. 29, March
14, 1994 (19940314)

ABSTRACT

PURPOSE: To provide the method for analyzing software automatically extracting parts to be corrected in the existing software by using the CASE

in maintenance the software.

CONSTITUTION: One of the information such as the assignment relation of programs, the re-definition relation of data areas, parameters transmitting data to and receiving data from programs, and file for transfer between the programs is detected. Based on the information, the grouping of item is performed. In short, the same data item is detected based on the **interrelation information** to perform the grouping of item while taking the name of the data item as a synonym. The 'grouping' means the interrelation of data item. Thus, the mutual relation between data items can be made clear by analyzing the conventional application software. The name of the same data item is grouped to collect the data items having direct mutual effects. Thus, the influence can be analyzed by means of the item name given by a programmer.

27/5/3 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015205667 **Image available**

WPI Acc No: 2003-266202/200326

XRFX Acc No: N03-211409

Backup system e.g. client computer has database apparatus that transmits update and interrelation information corresponding to databases to backup apparatus

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: WAKABAYASHI R

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020178174	A1	20021128	US 2001992247	A	20011116	200326 B
JP 2002351721	A	20021206	JP 2001156396	A	20010525	200326

Priority Applications (No Type Date): JP 2001156396 A 20010525

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020178174	A1	23	G06F-012/00	
JP 2002351721	A	15	G06F-012/00	

Abstract (Basic): US 20020178174 A1

NOVELTY - A database apparatus (50) generates update information and **interrelation information** indicating relationship between update information corresponding to different databases (50a,50b). A backup apparatus (60) receiving generated information holds backup of contents of the databases (50a,50b) and updates the backup databases (60d,60e) based on update information and interrelation of update information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) database apparatus;
- (2) backup method;
- (3) database apparatus operating program; and
- (4) backup information holding program.

USE - E.g. client computer.

ADVANTAGE - Ensures reliable backup of data, even when database apparatus is damaged by disaster such as earthquake and facilitates prompt resumption of service by using the backup apparatus, since the update and **interrelation information** are transmitted from the database apparatus to backup apparatus.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of

the backup system.

database apparatus (50)
databases (50a,50b)
backup apparatus (60)
backup databases (60d,60e)
pp; 23 DwgNo 1/12

Title Terms: SYSTEM; CLIENT; COMPUTER; DATABASE; APPARATUS; TRANSMIT;
UPDATE; INFORMATION; CORRESPOND; APPARATUS

Derwent Class: T01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-012/16

File Segment: EPI

27/5/4 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014851738 **Image available**

WPI Acc No: 2002-672444/200272

Method for estimating price of commodity and stock over internet

Patent Assignee: KOREA PDS CO LTD (KOPD-N)

Inventor: KIM H B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002034007	A	20020508	KR 200064658	A	20001101	200272 B

Priority Applications (No Type Date): KR 200064658 A 20001101

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002034007	A		1 G06F-017/60	

Abstract (Basic): KR 2002034007 A

NOVELTY - A commodity and stock price estimation method is provided to assemble each commodity characteristics database and its related **interrelation information** database, to estimate commodity prices based on the assembled databases, to extract stock estimation prices from interrelations among the commodity price fluctuations, and to offer the estimated statistical data to a person or an organization.

DETAILED DESCRIPTION - The method comprises steps of a commodity price estimation server constructing each commodity price database(S200), the commodity price estimation server generating various fluctuation indexes which can be obtained from a periodic price pattern, a noncontinuous price pattern, an abrupt price pattern, an asymptotic upward or downward pattern or a temporary upward or downward pattern(S202), the server generating each commodity interrelation database, a risk interrelation database, an economic index interrelation database, an international raw material interrelation database and a local interrelation database(S204-S212), the server generating a commodity price estimation database based on the interrelation databases(S214), the server detecting if a user requests a commodity price estimation service(S216), and the server offering the commodity price estimation database(S218).

pp; 1 DwgNo 1/10

Title Terms: METHOD; ESTIMATE; PRICE; COMMODITY; STOCK

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

24/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07163868 **Image available**
INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD AND STORAGE
MEDIUM

PUB. NO.: 2002-032252 [JP 2002032252 A]
PUBLISHED: January 31, 2002 (20020131)
INVENTOR(s): OGAWA ATSUSHI
UENO AKIHIRO
NISHIHARA MAKI
APPLICANT(s): CANON INC
APPL. NO.: 2000-218989 [JP 2000218989]
FILED: July 19, 2000 (20000719)
INTL CLASS: G06F-012/00 ; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide an information processing system, an information processing method and a **storage** medium capable of exactly and conveniently displaying update history of a data base via a network.

SOLUTION: In the information processing system having distributed **data bases** on **plural** nodes at remote places via the network, a retrieval key data input part 1 inputs key data to be retrieved, a data base managing part 2 manages data on a node where a table in relation to the inputted key data exists, a log extracting part 5 extracts log data applicable to the key data from the data bases on the respective nodes, a log **editing** part 6 **edits** the extracted log data by sorting it by every item, a data **transfer** instructing part 7 issues an instruction to **transfer** an **edited** result via the network, **transfer** it by communication equipment and a data control display part 9 controls and displays the transferred **editing** result.

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24/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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05597602 **Image available**
FILING SYSTEM AND DATA BASE UPDATING METHOD APPLIED TO SAME

PUB. NO.: 09-212402 [JP 9212402 A]
PUBLISHED: August 15, 1997 (19970815)
INVENTOR(s): TANIGAWA HITOSHI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-014141 [JP 9614141]
FILED: January 30, 1996 (19960130)
INTL CLASS: [6] G06F-012/00 ; G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PROBLEM TO BE SOLVED: To actualize an automatic updating function and the to improve the efficiency of the shift process of a data base eventually as to the shift process of the **data base** between **plural** systems.

SOLUTION: This system when equipped with a function for exchanging information of data bases 5 and 8 between plural systems 1A and 1B managing the data bases 5 and 8 respectively is so constituted as to actualize the automatic updating function for the data bases 5 and 8 shifted between the systems according to operation history data which are stored in the respective systems 1A and 1B and show the histories of operation of the data bases 5 and 8. The system 1B as the shift destination of the data base 5 refers to the operation history data stored in the system 1A at the shift source and compares the operation history data with the operation history data stored in the system 1B at the shift destination. According to the comparison result, a request to **transfer** information in specific units corresponding to the **altered** operation history data is made.

24/5/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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04969471 **Image available**

DATA BASE SYSTEM AND LOAD DISTRIBUTION CONTROL METHOD

PUB. NO.: 07-262071 [JP 7262071 A]

PUBLISHED: October 13, 1995 (19951013)

INVENTOR(s): TOMOTA MASANORI

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-045888 [JP 9445888]

FILED: March 16, 1994 (19940316)

INTL CLASS: [6] G06F-012/00 ; G06F-012/00 ; G06F-009/46

JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- **Memory** Units); 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT

PURPOSE: To suppress the movement of data between management process and to increase the processing speed of each **transaction** .

CONSTITUTION: A data base system includes a **data base 4**, plural management processes 2 which receive the **transactions** and process them to the base 4, the **buffers 3** which are placed against the processes 2 and store the data that are processed by the processes 2, a data management table 6 which stores the data information showing the data stored in the **buffers 3** and to be processed and the information showing the types of those data to be processed. In addition, a lock manager 5 is added to control the **transfer** of data among the processes 2 together with a **transaction** load distribution means 1 which decides a data base management process to process the **transactions** based on the information stored in the table 6 and in response to the types of **transactions** .

24/5/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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04782225 **Image available**

DATA BASE MANAGEMENT DEVICE FOR COMMUNICATION NETWORK

PUB. NO.: 07-074825 [JP 7074825 A]

PUBLISHED: March 17, 1995 (19950317)

INVENTOR(s): YAMASHIMA HIROYUKI

HAYAMI SHICHIRO

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 05-154647 [JP 93154647]
FILED: June 25, 1993 (19930625)
INTL CLASS: [6] H04M-003/42; **G06F-012/00** ; H04L-012/24; H04L-012/26;
H04Q-007/22; H04Q-007/28
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone); 36.4 (LABOR SAVING DEVICES
-- Service Automation); 44.2 (COMMUNICATION -- Transmission
Systems); 44.3 (COMMUNICATION -- Telegraphy); 45.2
(INFORMATION PROCESSING -- **Memory** Units)

ABSTRACT

PURPOSE: To provide a data base management device which can easily and flexibly cope with the extension and division of a data base(DB) without **altering** the constitution of each exchange.

CONSTITUTION: This management device is equipped with a communication means 1 receiving a retrieval request from a communication network which includes a retrieval request and **sends** personal data back as a retrieval result, plural DBs 4 which are provided corresponding to keys as parts of personal numbers and stored with personal data corresponding to the personal numbers including the keys, **plural data base** management means 3 which take personal data corresponding to the personal number included in the inputted retrieval request out of the DB 4, and a route switching means 2 which detects the key of the personal number included in the retrieval request from the communication means 1, selectively distributes the retrieval request to the management means 3 corresponding to the key, and **sends** the personal data from the data base management means 3 to the communication means 1.

24/5/6 (Item 6 from file: 347)

DIALOG(R) File 347:JAPIO

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04136272 **Image available**

PLURAL DATA BASES REFERRING SYSTEM

PUB. NO.: 05-127972 [JP 5127972 A]
PUBLISHED: May 25, 1993 (19930525)
INVENTOR(s): ISHIKAWA HIROSHI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 03-289917 [JP 91289917]
FILED: November 06, 1991 (19911106)
INTL CLASS: [5] **G06F-012/00** ; **G06F-009/44** ; **G06F-015/16**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- **Memory** Units); 45.1
(INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.4
(INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1610, Vol. 17, No. 502, Pg. 113,
September 09, 1993 (19930909)

ABSTRACT

PURPOSE: To refer to data in its own viewpoint from the class of its own site and another site by providing a view to refer to the data and a class to have the actual data, and issuing a command like a definition, etc., from the view.

CONSTITUTION: This **plural data bases** referring system is constituted as follows. The view 31 issues a definition method, and the class 5 of

another site having received this analyzes it, and generates the command of **execution** form, and the view 31 issues an instance method, and the class 5 of another site having received this executes the generated command, and executes retrieval and arithmetic processing, and the view 31 issues a **send** method, and the class 5 of another site having received this transfers a retrieved and arithmetic-processed instance to the view 31.

24/5/7 (Item 7 from file: 347)

DIALOG(R)File 347:JAPIO

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04097365 **Image available**

DISPERSION DATA BASE CONTROL SYSTEM

PUB. NO.: 05-089065 [JP 5089065 A]

PUBLISHED: April 09, 1993 (19930409)

INVENTOR(s): MURANAGA MIHO

KATO NORIHIRO

MORIMOTO YOJIRO

SEKIGUCHI KOICHI

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 03-246380 [JP 91246380]

FILED: September 26, 1991 (19910926)

INTL CLASS: [5] G06F-015/16 ; G06F-012/00 ; G06F-012/00

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2 (INFORMATION PROCESSING -- **Memory** Units)

JOURNAL: Section: P, Section No. 1590, Vol. 17, No. 435, Pg. 36, August 11, 1993 (19930811)

ABSTRACT

PURPOSE: To disperse a load and to reduce an overhead by assigning a data control structure tree to be processed and a logical table to respective sites, considering the load condition of respective sites, **transmitting** them and processing with the site of a **transmitting** destination.

CONSTITUTION: In a dispersion **data base** system, **plural transactions** are simultaneously performed. A **transaction execution** control part 11 receives a **transaction** inputted from a terminal, etc., and controls these **execution** situations. A data base language analyzing part 12 analyzes the data base referring and updating operation request by the data base operation language inputted from the **transaction execution** control part 11 and outputs it to a data control performing part 13. The data base control performing part 13 receives a data base operation instruction and performs the access processing to a data base 14. A batch processing monitoring part 15 judges whether or not the inputted **transaction** is an information system, from the analyzed result by the data base language analyzing part 12.

24/5/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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03970351 **Image available**

DATA BASE MANAGING SYSTEM

PUB. NO.: 04-335451 [JP 4335451 A]

PUBLISHED: November 24, 1992 (19921124)

INVENTOR(s): KUSUNOKI KAZUHIRO
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-106200 [JP 91106200]
FILED: May 13, 1991 (19910513)
INTL CLASS: [5] G06F-012/00 ; G06F-013/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1518, Vol. 17, No. 182, Pg. 103, April 08, 1993 (19930408)

ABSTRACT

PURPOSE: To surely **change** the **data base** of **plural** second computers having the same information, when a master data base of a first computer in the network is **changed**.

CONSTITUTION: When the information of a master base of a first computer is **changed**, updating information by a broadcasting function is received from a first computer 201, the version number is updated 202, and also, the version number (comparison information) for showing the number of times of a **change** is **transmitted** and received between local data bases of a second computer related annularly in advance 203, 207, 208, 210 and compared 204. Accordingly, by comparing the version number of the local data base of a second computer updated by the updating information, with the comparison information, matching to the master data base is taken.

24/5/9 (Item 9 from file: 347)

DIALOG(R) File 347:JAPIO

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03890950 **Image available**

REMOTE DATA BASE ACCESS DATA TRANSFERRING SYSTEM

PUB. NO.: 04-256050 [JP 4256050 A]
PUBLISHED: September 10, 1992 (19920910)
INVENTOR(s): OTAKI MINORU
APPLICANT(s): HOTSUKAIDOU NIHON DENKI SOFUTOUEA KK [000000] (A Japanese Company or Corporation), JP (Japan)
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INTL CLASS: [5] G06F-013/00 ; G06F-012/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1475, Vol. 17, No. 40, Pg. 20, January 26, 1993 (19930126)

ABSTRACT

PURPOSE: To reduce **transfer** data quantity by managing without transferring an access result accessed once in the case that the same **data base** is accessed **many** times from a remote data base access using part by using an identifier.

CONSTITUTION: A data base access result which the remote data base access using part 11 requests to a remote data base access **execution** processing part 12 and is executed is transferred after being attached with the identifier, and it is held in the data base access result data holding means 15, 16 of the using part as being attached with the identifier. As for the data accessed once, the remote data base **execution** processing part 12 transfers only the identifier to the using part 11. Thus, **transfer** data after the second time can be reduced and the data can be efficiently transferred.

24/5/14 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011304990 **Image available**
WPI Acc No: 1997-282895/199726
Related WPI Acc No: 1999-383861; 2001-534645; 2003-001891; 2003-001892
XRPX Acc No: N97-234238

Computerised searching method for on-line network e.g. Internet -
indexing and searching stories in titles when title is released to
network by publisher and creating routing table to locate objects across
multiple database partitions

Patent Assignee: MICROSOFT CORP (MICT)
Inventor: FERREL P J; KERR R; NAREDDY K; UPPALA K
Number of Countries: 004 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 774722	A2	19970521	EP 96118399	A	19961115	199726 B
JP 9325968	A	19971216	JP 96342321	A	19961118	199809
EP 774722	B1	20030122	EP 96118399	A	19961115	200308
			EP 200214801	A	19961115	
			EP 200214802	A	19961115	
DE 69625884	E	20030227	DE 625884	A	19961115	200323
			EP 96118399	A	19961115	

Priority Applications (No Type Date): US 95560281 A 19951117

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 774722	A2	E	64	G06F-017/30	
Designated States (Regional): DE FR GB					
JP 9325968	A		169	G06F-017/30	
EP 774722	B1	E		G06F-017/30	Related to application EP 200214801 Related to application EP 200214802 Related to patent EP 1251437 Related to patent EP 1251438

Designated States (Regional): DE FR GB
DE 69625884 E G06F-017/30 Based on patent EP 774722

Abstract (Basic): EP 774722 A

The method involves **storage** of content in a network server. A title, comprising separate content and layout, is published to the server. The title has a number of sections, each with a control. The layout includes a search query associated with a control which defines a region for displaying the results of the search query.

The search query is **modified** by a user find query. Content, comprising a number of stories, is retrieved from the server and displayed in the control. The control concatenates and pours the stories into the region.

ADVANTAGE - Enables **sending** or distribution of stylised high-quality publications over low speed communications links e.g. 9600 baud.

Dwg.1/24

Title Terms: COMPUTER; SEARCH; METHOD; LINE; NETWORK; INDEX; SEARCH; TITLE;
TITLE; RELEASE; NETWORK; ROUTE; TABLE; LOCATE; OBJECT; MULTIPLE; DATABASE
; PARTITION

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-012/00

File Segment: EPI

24/5/15 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010854723 **Image available**

WPI Acc No: 1996-351676/199635

XRPX Acc No: N96-296548

On line data delivery system using computer network - has modifying unit in high order server which changes identifier of each partial data stored in database based on assembled identifiers received from lower order server

Patent Assignee: HITACHI SOFTWARE ENG CO LTD (HISF)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8166916	A	19960625	JP 94309139	A	19941213	199635 B
JP 3349850	B2	20021125	JP 94309139	A	19941213	200301

Priority Applications (No Type Date): JP 94309139 A 19941213

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8166916	A	12	G06F-013/00	
JP 3349850	B2	12	G06F-015/00	Previous Publ. patent JP 8166916

Abstract (Basic): JP 8166916 A

The system transfers data from higher order server to lower order server through a network. The data **transfer** between the two servers is specified by an information. The main data is classified into **many** partial **data based** on the contents and identifier is provided for these partial data. Then, the classified data is stored in a database. A pair of input units (114,115) are connected to lower order server through which number of identifiers are input by user to carry out desired data access.

The input identifiers are collected by the lower order server and transferred to a higher order server by a **transfer** unit. Based on the assembled identifier, the **modifying** unit in the higher order server **changes** the identifier of the partial data for assembling, which are stored in the database.

ADVANTAGE - Shortens useless latency. Improves operativity of system. Minimizes exchange amount of data. Reduces required **memory** space.

Dwg.1/10

Title Terms: LINE; DATA; **DELIVER** ; SYSTEM; COMPUTER; NETWORK; **MODIFIED** ; UNIT; HIGH; ORDER; SERVE; **CHANGE** ; IDENTIFY; DATA; **STORAGE** ; DATABASE; BASED; ASSEMBLE; IDENTIFY; RECEIVE; LOWER; ORDER; SERVE

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00 ; G06F-015/00

International Patent Class (Additional): G06F-012/00 ; H04L-012/54; H04L-012/58

File Segment: EPI

24/5/16 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010504282 **Image available**

WPI Acc No: 1996-001233/199601

Set	Items	Description
S1	15246	(MULTIPL? OR MULTILIST? OR MANY OR PLURAL?) (2N) (DATABASE? - OR DATA()BASE?)
S2	16347533	EACH OR ONE OR SINGLE OR SINGULAR OR INDIVIDUAL OR SOLE OR UNIQUE OR SOLITARY OR LONE OR ALONE OR ONLY
S3	27859	(DATABASE? OR DATA()BASE?) (2N) (TRANSACTION? OR ACTIVIT? OR EXECUTION? OR COMPLET? OR BACKUP OR BACK()UP OR STORE OR STOR- ED OR STORING)
S4	3800921	TRANSMIT? OR SEND? OR TRANSFER OR CONVEY? OR DELIVER?
S5	13375177	TRANSACTION? OR ACTIVIT? OR EXECUTION? OR CHANG? OR EDIT? - OR REVIS? OR REVAMP? OR REWRITE? OR REWORK? OR MODIF? OR ALTE- R? OR INTERRELATION()INFORMATION
S6	7496693	INCLUDE? OR CONTAIN? OR HOLD? OR ENCLOSE? OR WRAP?
S7	18125	(IDENTIFICATION OR IDENTIFIER? OR ID OR UNIQUE OR SERIAL) (- 2W)NUMBER?
S8	77664	INDICATIVE OR INDICATORY OR SIGNALIZING OR DESIGNATIVE
S9	7945993	RELATE? OR ASSOCIATE? OR LINK? ? OR RELATIONSHIP? OR LINKA- GE
S10	8460	(ANOTHER OR SECOND OR ADDITIONAL OR DIFFERENT) (2W) (DATABAS- E? OR DATA()BASE?)
S11	121200	("NO" OR "NOT") () S9
S12	1043	S2 (2N) S3
S13	34528	S5 (S) S4 (S) (MEMORY OR REGISTER? OR STORAGE OR BUFFER? OR CACHE? OR REPOSITOR?)
S14	311386	S2 (2N) S5
S15	1346	S5 (S) S6 (S) S7
S16	0	S7 (S) S8 (S) S9 (S) S10
S17	5	S7 (S) S8 (S) S9
S18	4	S7 (S) S9 (S) S10
S19	72	S1 (S) S12
S20	65	S1 (S) S13
S21	1	S19 (S) S20
S22	145	S17 OR S18 OR S19 OR S20
S23	131	S22 NOT PY>2001
S24	112	S23 NOT PD>20010525
S25	92	RD (unique items)
File	2:INSPEC 1969-2004/Aug W3	(c) 2004 Institution of Electrical Engineers
File	6:NTIS 1964-2004/Aug W3	(c) 2004 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R) 1970-2004/Aug W3	(c) 2004 Elsevier Eng. Info. Inc.
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File	65:Inside Conferences 1993-2004/Aug W4	(c) 2004 BLDSC all rts. reserv.
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File	94:JICST-EPlus 1985-2004/Aug W1	(c)2004 Japan Science and Tech Corp(JST)
File	95:TEME-Technology & Management 1989-2004/Jun W1	(c) 2004 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul	(c) 2004 The HW Wilson Co.
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